Code: 005-23-000003
No: 1st & Part Bill
Division: Byatarayanapura..Division

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(FOR OTHER WORKS)

Byatarayanapura Sub-division

Est Cost 420.00Lakhs
TS. No: 420 /abm

Date: AEE/BTP/SD/22/23-24
12/6/2023

Received No. Date Cash Book vr.No. Date:
Scheduled Docket No Head of Account

Name of work :- Augmentation of Water Supply through Borewell, network of piplines and ground water recharge facilities in ward no. 05 & 06 (Package No-3) (Package Consists of 6 Works) JOB CODE:- 005-23-000003 INDENT NUMBER:- 48801

Name of Contractor and full address: M/s Nagasandra Shamanna RamaRao (RAJALAKSHMI ROCK DRILLERS). No 41, Rukmini nagar, nagasandra, bangalore 560073

Reference to agreement No EE/BTP/WO/65/2022-23 Dated:- 08.11.2022

Certified that the measurement were taken by me on dated:- 12/6/23 and recorded as Page to of measurement Book No:5355/1920 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were checked by me on..12/06/2023.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account if have been actually brought to the of the work and the contractor has not previously received any advance on this security. These Materials are of an Imperishable nature and are all required by the contractor for immediate use on the work in connection with items for which rates for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

1	Total value of work done or supplies made as per Account with in	.....	
2	Deduct amount to be held in reserve being.....percent Rs.....	.....	
3	Balance	.....	
4	Deduct Payments	18th & part → Total	24772920.00
	a) Amount of previous payment as in the Office Cash Book vr. No.....Dated.....S.D.No.....	It	209440.00
	b) Payments Amount adjusted towards cash advance recovery of cost of store or other materials supplied	cgst	209940.00
	Now made Recovery of amount Creditable to his/other work	sgst	209940.00
	Amount paid on this bill be cheque/cash	CESS	209940.00
5	Balance being unpaid value of work done held in reverse TOTAL	.....	
6	Deduct cash advance made on the Office Cash Book Vr.No..... Dated.....less adjustment	CBF	21260.00
7	No amount due to or from contractor	.....	
	Unadjustment items	Deduction	861020.00
8	Advance to contractor for materials brought site (as detailed) within	Net	
	Value of Government materials supplied	Payable	23911900.00
	Total Amount adjusted		

Rama Rao
Contractor's Signature

Received Rs.....in words.....
.....
.....by cash and by adjustment
Payment as per memorandum.
(in final settlement of all demands)

(for use in the office)

P 3803

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 15th Finance Commission Works ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 24772920/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 861020/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 23911900/- ಗಳನ್ನು
FT/NEFT/RTGS ಮುಖಾಂತರ ಪಾವತಿಸಲಾಗಿದೆ
ವಿಷಯ ನಿರ್ವಾಹಕರು Dated 24/11/23
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಬೈಟರಾಯನಪುರ ವಿಭಾಗ) ಬೃಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು
28/11/23
Executive Engineer
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Witness:
1

Receipt Stamp

Rama Rao
Date Signature of Contractor

Paid by me by Cheque No.....Date.....
Cash Rs.....
Date.....Initial of officer making payment

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Name of Work;- Augmentation of Water Supply through Borewell, network of piplines and ground w... recharge facilities in ward no. 05 & 06 (Package No-3) (Package Consists of 6 Works) JOB CODE:- 00...
000003 INDENT NUMBER:- 48801 Estimate Cost:- 420.00 Lakhs

SL No	Items grouped under sub-heads and sub-works of the estimate		Previous Measurement			Present Measurement			Total Up-to-...	
			Qty	Rate Rs. P.	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etccomplete as per specifications and directions of Engineer in charge of work.	Each BW				34.00	4074.7	138540.00	34.00	138540.00
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete as per specifications and directions of Engineer in charge of work.0 to 50	Rmtr				1700.00	375.24	637908.00	1700.00	637908.00
3	50 to 100	Rmtr				1700.00	477.98	812566.00	1700.00	812566.00
4	100 to 150	Rmtr				1700.00	493.12	838304.00	1700.00	838304.00
5	150 to 200	Rmtr				1700.00	579.63	985371.00	1700.00	985371.00
6	200 to 250	Rmtr				1700.00	685.61	1165537.00	1700.00	1165537.00
7	250 to 300	Rmtr				1700.00	756.98	1286866.00	1700.00	1286866.00
8	300 to 350	Rmtr			1392	1699.00	892.15	1515763.00	1699.00	1515763.00
9	350 to 400	Rmtr			43	1392.00	973.26	1354778.00	1392.00	1354778.00
10	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete as per specifications and directions of Engineer in charge of work.	Rmtr				1277.00 1278.00	1432.85	1241873.00 419475.00 1829749.00 1831182.00	1277.00 1278.00	1241873.00 419475.00 1829749.00 1831182.00
11	Providing and fixing 250mm dia PVC Pipe and as per specification complete as per specifications and directions of Engineer in charge of work.	m				340.00	2313.34	786536.00	340.00	786536.00
12	175mm dia M.S. Casing capcomplete as per specifications and directions of Engineer in charge of work.	Each				34.00	108.14	3677.00	34.00	3677.00

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s grouped under sub-heads and sub-works of the estimate		Previous Measurement			Present Measurement			Total Up-to-date	
		Qty	Rate Rs. P.	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost
13 Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete as per specifications and directions of Engineer in charge of work.	Sq.cm				528000.00	0.37	195360.00	528000.00	195360.00
14 Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI union confirming to IS 1239-II, 1991 with latest amendments if any. complete as per specifications and directions of Engineer in charge of work.	No				24.00	189.24	4542.00	24.00	4542.00
15 Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any.complete as per specifications and directions of Engineer in charge of work.	No				24.00 72.00	151.4	10901.00 3634.00	24.00 72.00	10901.00 3634.00
16 Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if anycomplete as per specifications and directions of Engineer in charge of work.	No				24.00 72.00	189.24	13625.00 4542.00	72.00	13625.00 4542.00
17 Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions of Engineer in charge of work.	Job				24.00	6109.89	146637.00	24.00	146637.00
18 Labour charges for Erection of outdoor type panel board and meter board units with all necessary materials and labour tools and equipments including providing cement concrete foundation bed etc., complete. as per specifications, with testing complete as per specifications and directions of Engineer in charge of work.	Job				24.00	1295.51	31092.00	24.00	31092.00
19 Supplying and laying of LT UG cable having aluminum conductor PVC insulated sheathed, galvanized, steel wire/steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable complete as per specifications and directions of Engineer in charge of work.	Rmtr				845.00	157.49	133079.00	845.00	133079.00
20 Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm. complete as per specifications and directions of Engineer in charge of work.	Rmtr				725.00	12.47	9041.00	725.00	9041.00

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SL No	Items grouped under sub-heads and sub-works of the estimate		Previous Measurement			Present Measurement			Total Up-to group work	
			Qty	Rate Rs. P.	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost
21	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete cutting road surfacescomplete as per specifications and directions of Engineer in charge of work.	Mtr				845.00	86.09	72746.00	845.00	72746.00
22	Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm complete as per specifications and directions of Engineer in charge of work.	Mtr				96.00	351.72	33765.00	96.00	33765.00
23	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia, complete as per specifications and directions of Engineer in charge of work.	Nos				24.00	3928.72	94289.00	24.00	94289.00
24	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class 16sqmmUG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.complete as per specifications and directions of Engineer in charge of work.	Nos				24.00	537.45	12899.00	24.00	12899.00
25	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,Size 20 x 20 x 2.5 inches with all lead and lift, loading, unloading and labour charges etc., complete as per specifications and directions of Engineer in charge of work.	Nos				24.00	306.57	7358.00	24.00	7358.00
26	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 20 HP 40 Stagecomplete as per specifications and directions of Engineer in charge of work.	Nos				12	95115.69	1141388.00	12.00	1141388.00

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	grouped under sub-heads and sub-works of the estimate		Previous Measurement			Present Measurement			Total Up-to-date	
			Qty	Rate Rs. P.	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost
27	pply and delivery at site brand New texmo/ noval/ Lubi/ Sabar / Atalanta/ Calamal/ ake suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 17.5 HP 30 Stagecomplete as per specifications and directions of Engineer in charge of work.	Nos				12	75725.09	908701.00	12.00	908701.00
28	Providing, laying & joining GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class complete as per specifications and directions of Engineer in charge of work.	Nos				1154	3004.12	3466754.00	1154.00	3466754.00
29	Supplying of submersible pump cable 1X3X6 Sqmm complete as per specifications and directions of Engineer in charge of work.	Mtr				14352	215.23	3088981.00	14352.00	3088981.00
30	Supplying & delivery at site brand new / Essen / lotus sunsines/Adarsh/Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph,50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz,380/440 AC supply shall be consisted etc., completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above Up to 20HP with star delta starter (MR) complete as per specifications and directions of Engineer in charge of work.	Nos				24	22047.9	529150.00	24.00	529150.00
31	Supplying & delivery of brand 50mm Gate Valve, complete as per specifications and directions of Engineer in charge of work.	Each				24	1286.86	30885.00	24.00	30885.00

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SL No	Items grouped under sub-heads and sub-works of the estimate		Previous Measurement			Present Measurement			Total Up-to-date	
			Qty	Rate Rs. P.	Cost	Qty	Rate Rs. P.	Cost	Qty	Cost
32	Supplying & delivery of brand 50mm Non Return Valve. complete as per specifications and directions of Engineer in charge of work.	Each				24	1270.64	30495.00	24.00	30495.00
33	Supplying and fixing MCB complete as per specifications and directions of Engineer in charge of work.	Each				24	1108.43	26602.00	24.00	26602.00
34	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications and directions of Engineer in charge of work.	Cum				1142.55	332.76	380195.00	1142.55	380195.00
35	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including joining of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete as per specifications and directions of Engineer in charge of work.	Mtr				2569 2575	133.01	341703.00 342501.00	2569.00 2575	341703.00 342501.00
36	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and directions of Engineer in charge of work.	Cum				1142.55	134.66	153856.00	1142.55	153856.00
								20994896.00		20994896.00
	Gross Total							**2,22,21,072.00**		**2,22,21,072.00**
	GST 18%							**39,99,792.96**		**39,99,792.96**
	NET Total							**2,62,20,864.96**		**2,62,20,864.96**

Rupees in words: Two crore Sixty two lakhs twenty thousand eight hundred and sixty four only.

Round off	20994000.00
18% GST	3778920.00
G.total	24772920.00

Certificate

1 **The contractor work done and Satisfactorly**
2 **Departmental Issues Nill**
3 **The Amount chargeble to P3803 15th finance Commission works.**

Junior/Asst. Engineer Ward no 05

Junior/Asst. Engineer Ward no 06

Asst. Executive Engineer,
BBMP Byatarayanapura Sub-Division
Bangalore.

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